

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

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Entitled : A METHOD AND APPARATUS FOR DETECTING
SUBSTANCE TO BE DETECTED CONTAINING AT LEAST
ONE COMPONENT THAT IS DISPERSIBLE IN AIR IN
THE FORM OF SOLID PARTICLES

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ABSTRACT OF THE DISCLOSURE

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The invention relates to a method and apparatus for
detecting substance to be detected. The apparatus
comprises at least one sampling member for sampling air
contained in a closed space, the sampling member
25 comprising at least one filter presenting pore or mesh
size adapted to filtering solid particles of the
substance to be detected that might be dispersed in the
air contained in the closed space; the apparatus further
comprising a pump (not shown) enabling the air contained
30 in the closed space to be sucked in. The invention can
be used for detecting a substance to be detected
comprising, for example, an explosive or a narcotic.

Figure 2